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MAY 19 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Schultz *et al.*

AN 10/036,105

Filed: 10/17/2001

:

: Art Unit: 3679

: Examiner: Collins, Giovanna M.

: Atty's Docket: SC-01-05

For: Method and Apparatus for Monitoring the Condition of a Downhole  
Drill Bit, and Communicating the Condition to the Surface  
(confirmation no. 4527)

OFFICIAL

AMENDMENT

Honorable Commissioner of Patents and Trademarks  
Alexandria, VA 22313

Sir:

In response to the Office Action dated 02/05/2004, the following amendments and remarks are respectfully submitted. Any extension of time necessary to prevent abandonment has been requested, and any fee necessary for consideration of this paper has been authorized to be charged to Deposit Account Number 07-2320.

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